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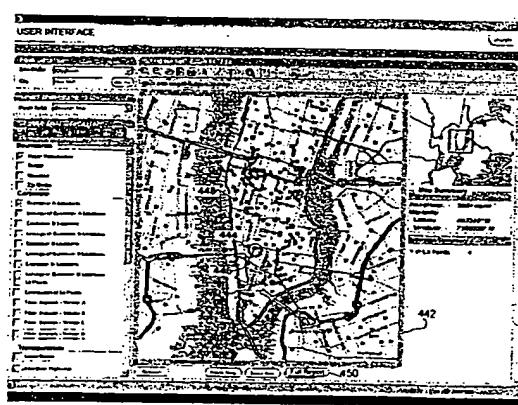
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(54) Title: METHOD, SYSTEM AND PROGRAM FOR NETWORK DESIGN, ANALYSIS, AND OPTIMIZATION



(57) Abstract: Provided are a method, system, and program for rendering information on network infrastructure. A selection of customer sites is received and a database is queried to determine geographical locations of the selected network sites. A graphical user interface is rendered including representations of the selected customer sites in a map at the geographical location of the selected sites in the map. Selection is received of at least one network service provider (NSP). The database is queried to determine network infrastructure of the selected NSP and geographical locations of the determined network infrastructure. Representations are rendered of the determined network infrastructure in a map at the determined geographical locations of the determined network infrastructure to render a visualization of the geographical locations of the selected customer sites and network infrastructure of the selected at least one NSP in the map.

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INTERNATIONAL SEARCH REPORT

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 IPC 7 G06F17/30 H04L12/24

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	TYRRELL C J: "CUSTOM NETWORK DESIGN AND PRICING TOOLS" BT TECHNOLOGY JOURNAL, BT LABORATORIES, GB, vol. 18, no. 2, April 2000 (2000-04), pages 30-35, XP000958410 ISSN: 1358-3948 abstract, sections 1-3	1,16,31
Y		2-15, 17-30, 32-45

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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- "A" document defining the general state of the art which is not considered to be of particular relevance
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- "Z" document member of the same patent family

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	FIDDIAN N J ET AL: "A KNOWLEDGE PROCESSING SYSTEM FOR DATA SERVICE NETWORK DESIGN" BT TECHNOLOGY JOURNAL, BT LABORATORIES, GB, vol. 17, no. 4, October 1999 (1999-10), pages 117-130, XP000896269 ISSN: 1358-3948 abstract, sections 2, 3	1,16,31
Y		2-15, 17-30, 32-45
A	FISHER M ET AL: "TECHNIQUES FOR AUTOMATED PLANNING OF ACCESS NETWORKS" BT TECHNOLOGY JOURNAL, BT LABORATORIES, GB, vol. 14, no. 2, 1 April 1996 (1996-04-01), pages 121-127, XP000584919 ISSN: 1358-3948 the whole document	1-45
A	MATEUS G R ET AL: "Computer-aided tools for the telecommunication network design" INTERNATIONAL CONFERENCE ON SOFTWARE IN TELECOMMUNICATIONS AND COMPUTER NETWORKS. SOFTCOM '98 UNIV. SPLIT SPLIT, CROATIA, 14 October 1998 (1998-10-14), pages 347-356, XP009036000 ISBN: 953-6114-29-1 the whole document	1-45

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